

10/539093

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/539,093

Source: POF

Date Processed by STIC: 4/11/06

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PCT

RAW SEQUENCE LISTING

DATE: 04/11/2006

PATENT APPLICATION: US/10/539,093

TIME: 12:33:16

Input Set : E:\2394 Pr.ST25.txt

Output Set: N:\CRF4\04112006\J539093.raw

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3 <110> APPLICANT: Alcon, Inc.
4   Yanni, John M.
5   Gamache, Daniel A.
6   Miller, Steven T.
8 <120> TITLE OF INVENTION: Treatment of Dry Eye in Postmenopausal Women by Restoring
9   15-lipoxygenase Activity to Ocular Surface Cells
11 <130> FILE REFERENCE: 2394 US
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/539,093
C--> 14 <141> CURRENT FILING DATE: 2005-06-15
15 <150> PRIOR APPLICATION NUMBER: US 60/435,988
17 <151> PRIOR FILING DATE: 2002-12-20
19 <160> NUMBER OF SEQ ID NOS: 10
21 <170> SOFTWARE: PatentIn version 3.3
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122 <212> TYPE: PRT
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132 20 25 30
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136 35 40 45
139 Lys Val Glu Val Pro Glu Tyr Leu Gly Pro Leu Leu Phe Val Lys Leu
140 50 55 60
143 Arg Lys Arg His Leu Leu Lys Asp Asp Ala Trp Phe Cys Asn Trp Ile
144 65 70 75 80
147 Ser Val Gln Gly Pro Gly Ala Gly Asp Glu Val Arg Phe Pro Cys Tyr
148 85 90 95
151 Arg Trp Val Glu Gly Asn Gly Val Leu Ser Leu Pro Glu Gly Thr Gly
152 100 105 110
155 Arg Thr Val Gly Glu Asp Pro Gln Gly Leu Phe Gln Lys His Arg Glu
156 115 120 125
159 Glu Glu Leu Glu Glu Arg Arg Lys Leu Tyr Arg Trp Gly Asn Trp Lys
160 130 135 140
163 Asp Gly Leu Ile Leu Asn Met Ala Gly Ala Lys Leu Tyr Asp Leu Pro
164 145 150 155 160
167 Val Asp Glu Arg Phe Leu Glu Asp Lys Arg Val Asp Phe Glu Val Ser
168 165 170 175
171 Leu Ala Lys Gly Leu Ala Asp Leu Ala Ile Lys Asp Ser Leu Asn Val
172 180 185 190

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179 Gly Gln Ser Lys Leu Ala Glu Arg Val Arg Asp Ser Trp Lys Glu Asp
180          210          215          220
183 Ala Leu Phe Gly Tyr Gln Phe Leu Asn Gly Ala Asn Pro Val Val Leu
184 225          230          235          240
187 Arg Arg Ser Ala His Leu Pro Ala Arg Leu Val Phe Pro Pro Gly Met
188          245          250          255
191 Glu Glu Leu Gln Ala Gln Leu Glu Lys Glu Leu Glu Gly Gly Thr Leu
192          260          265          270
195 Phe Glu Ala Asp Phe Ser Leu Leu Asp Gly Ile Lys Ala Asn Val Ile
196          275          280          285
199 Leu Cys Ser Gln Gln His Leu Ala Ala Pro Leu Val Met Leu Lys Leu
200          290          295          300
203 Gln Pro Asp Gly Lys Leu Leu Pro Met Val Ile Gln Leu Gln Leu Pro
204 305          310          315          320
207 Arg Thr Gly Ser Pro Pro Pro Leu Phe Leu Pro Thr Asp Pro Pro
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211 Met Ala Trp Leu Leu Ala Lys Cys Trp Val Arg Ser Ser Asp Phe Gln
212          340          345          350
215 Leu His Glu Leu Gln Ser His Leu Leu Arg Gly His Leu Met Ala Glu
216          355          360          365
219 Val Ile Val Val Ala Thr Met Arg Cys Leu Pro Ser Ile His Pro Ile
220          370          375          380
223 Phe Lys Leu Ile Ile Pro His Leu Arg Tyr Thr Leu Glu Ile Asn Val
224 385          390          395          400
227 Arg Ala Arg Thr Gly Leu Val Ser Asp Met Gly Ile Phe Asp Gln Ile
228          405          410          415
231 Met Ser Thr Gly Gly Gly Gly His Val Gln Leu Leu Lys Gln Ala Gly
232          420          425          430
235 Ala Phe Leu Thr Tyr Ser Ser Phe Cys Pro Pro Asp Asp Leu Ala Asp
236          435          440          445
239 Arg Gly Leu Leu Gly Val Lys Ser Ser Phe Tyr Ala Gln Asp Ala Leu
240          450          455          460
243 Arg Leu Trp Glu Ile Ile Tyr Arg Tyr Val Glu Gly Ile Val Ser Leu
244 465          470          475          480
247 His Tyr Lys Thr Asp Val Ala Val Lys Asp Asp Pro Glu Leu Gln Thr
248          485          490          495
251 Trp Cys Arg Glu Ile Thr Glu Ile Gly Leu Gln Gly Ala Gln Asp Arg
252          500          505          510
255 Gly Phe Pro Val Ser Leu Gln Ala Arg Asp Gln Val Cys His Phe Val
256          515          520          525
259 Thr Met Cys Ile Phe Thr Cys Thr Gly Gln His Ala Ser Val His Leu
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263 Gly Gln Leu Asp Trp Tyr Ser Trp Val Pro Asn Ala Pro Cys Thr Met
264 545          550          555          560
267 Arg Leu Pro Pro Pro Thr Thr Lys Asp Ala Thr Leu Glu Thr Val Met
268          565          570          575
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280          610          615          620
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305 ccacgggagc agccccccttag tagctctgga ccactctgggc aaggagttca gcgcgcgttc 180
307 tgaagaagac ttccagagtgga cgtctcccca ggacgtaggc actgtgctga tgctgcgagt 240
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405 ttgcttgggt ttggttgggt ggggttttgt ttttgtttt gattttgttt ttctctgggt 3180
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426 35 40 45
429 Ala Glu Glu Asp Phe Glu Val Thr Leu Pro Gln Asp Val Gly Thr Val
430 50 55 60
433 Leu Met Leu Arg Val His Lys Ala Pro Pro Glu Val Ser Leu Pro Leu
434 65 70 75 80
437 Met Ser Phe Arg Ser Asp Ala Trp Phe Cys Arg Trp Phe Glu Leu Glu
438 85 90 95
441 Trp Leu Pro Gly Ala Ala Leu His Phe Pro Cys Tyr Gln Trp Leu Glu
442 100 105 110
445 Gly Ala Gly Glu Leu Val Leu Arg Glu Gly Ala Ala Lys Val Ser Trp
446 115 120 125
449 Gln Asp His His Pro Thr Leu Gln Asp Gln Arg Gln Lys Glu Leu Glu
450 130 135 140
453 Ser Arg Gln Lys Met Tyr Ser Trp Lys Thr Tyr Ile Glu Gly Trp Pro
454 145 150 155 160
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458 165 170 175
461 Tyr Ser Ala Met Lys Asn Ala Lys Leu Phe Phe Lys Ala His Ser Ala

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VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date